

CONFERENCE AT A GLANCE

MONDAY, JUNE 7 TH	
Time	Conference Event and Location
7:45-9:00a	Continental Breakfast (<i>Presidio Foyer</i>)
9:00a-12:00n	Tutorials <i>Note: Coffee and beverages will be served 10:15-10:45a</i> 1: Introduction to Digital Libraries (<i>half day</i>) (<i>Joshua Tree I</i>) 2A: Thesauri and Ontologies in Digital Libraries, Part I (<i>half day</i>) (<i>Presidio I</i>) 5: Building Digital Library Collections with the Greenstone Librarian Interface (<i>whole day</i>) (<i>Presidio II</i>) 6: Evaluating Digital Libraries (<i>whole day</i>) (<i>Coronado II</i>) 7: Qualitative User Studies: Understanding Users in Action (<i>whole day</i>) (<i>Presidio IV</i>)
12:00n-1:30p	Lunch (<i>Presidio V</i>)
1:30-4:30p	Tutorials <i>Note: Coffee and beverages will be served 2:45-3:15 pm</i> 2B: Thesauri and Ontologies in Digital Libraries, Part II (<i>half day</i>) (<i>Presidio I</i>) 3: Data Grids and Workflows (<i>half day</i>) (<i>Joshua Tree I</i>) 4: Introduction to the Flexible Extensible Digital Object Repository Architecture and Its Application to Digital Libraries (<i>half day</i>) (<i>Joshua Tree II</i>) 5: CONTINUES: Building Digital Library Collections with the Greenstone Librarian Interface (<i>whole day</i>) (<i>Presidio II</i>) 6: CONTINUES: Evaluating Digital Libraries (<i>whole day</i>) (<i>Coronado II</i>) 7: CONTINUES: Qualitative User Studies: Understanding Users in Action (<i>whole day</i>) (<i>Presidio IV</i>)

TUESDAY, JUNE 8 TH	
Time	Conference Event and Location
7:30-8:45a	Continental Breakfast (<i>Turquoise Foyer</i>)
8:45-10:00a	1A: Welcome: Hsinchun Chen (<i>Turquoise II, III</i>) Keynote: Vint Cerf, Senior Vice President of Technology Strategy, MCI
10:00-10:30a	Break (<i>Turquoise Foyer</i>)
10:30a-12:30p	2A: Repository Architectures (<i>Turquoise I</i>) 2B: Evaluation (<i>Presidio I, II</i>) 2C: Geographic Aspects of Digital Libraries (<i>Coronado Ballroom</i>)
12:30-2:00p	Lunch (<i>Presidio III, IV, V</i>)
2:00-3:00p	3A: Books and Reading (<i>Turquoise I</i>) 3B: Panel: The Virtual and the Real: Current Research on Museum Audiences (<i>Presidio I, II</i>) 3C: Automatically Structured and Translated Queries (<i>Coronado Ballroom</i>)
3:00-3:30p	Break (<i>Turquoise Foyer</i>)
3:30-4:30p	4A: Surrogates for Physical Artifacts (<i>Turquoise I</i>) 4B: Crawling the Web (<i>Presidio I, II</i>) 4C: Automated Techniques for Managing Collections (<i>Coronado Ballroom</i>)
4:30-6:30p	Poster and demo presenters may set up their presentations (<i>Presidio III, IV, V</i>)
4:30-5:30p	JCDL/TCDL Plenary Session (<i>Joshua Tree I/II</i>)
5:30-6:30p	5A: Minute Madness (<i>Turquoise II, III</i>)
6:30-9:00p	5B: Posters and Demonstrations with Award Presentations (<i>Presidio III, IV, V</i>) Reception will include a cash bar and selection of hors d'oeuvres.

CONFERENCE AT A GLANCE

WEDNESDAY, JUNE 9TH	
Time	Conference Event and Location
7:30-8:45a	Continental Breakfast (<i>Turquoise Foyer</i>)
8:45-10:00a	6A: Keynote: Joel Birnbaum, Senior Technical Adviser, Hewlett-Packard Company (<i>Turquoise II, III</i>)
10:00-10:30a	Break (<i>Turquoise Foyer</i>)
10:30a-12:30n	7A: Educational Aspects of Digital Libraries (<i>Turquoise I</i>) 7B: Image and Video Digital Libraries (<i>Presidio I, II</i>) 7C: Collaboration and Group Work (<i>Coronado Ballroom</i>)
12:30-2:00p	Lunch (<i>Presidio III, IV, V</i>)
2:00-3:30p	8A: Indexing Music and Chinese Text (<i>Turquoise I</i>) 8B: Panel: Demonstrating Education Impact: Challenges in the Years Ahead (<i>Presidio I, II</i>) 8C: Digital Preservation (<i>Coronado Ballroom</i>)
3:30-4:00p	Break (<i>Turquoise Foyer</i>)
4:00-5:30p	9A: Mining and Disambiguating Names (<i>Turquoise I</i>) 9B: Panel: Library Leaders on Digital Libraries and the Future of the Research Library (<i>Presidio I, II</i>) 9C: Interacting with Collections (<i>Coronado Ballroom</i>)
5:45-	OLD TUCSON STUDIOS TOUR AND BARBEQUE Come join the fun at a real barbecue in a uniquely Southwestern location, with music, dancing, and good Western food. Buses will begin loading at approximately 5:45 pm from the hotel lobby for 6:00-6:15 pm departure. Dinner will be preceded by a cocktail hour; two free drink tickets are included with your banquet ticket! Priced at \$52 per person. Buses will begin returning to the hotel approximately 9:15 pm (depending on participants' preferences)

THURSDAY, JUNE 10TH	
Time	Conference Event and Location
7:30-8:45a	Continental Breakfast (<i>Turquoise Foyer</i>)
9:00-10:00a	10A: Search and Query Strategies (<i>Turquoise I</i>) 10B: Supporting Personalization (<i>Presidio I, II</i>) 10C: Interchange and Interoperability (<i>Presidio III, IV</i>)
10:00-10:30a	Break (<i>Turquoise Foyer</i>)
10:30a-12:30p	11A: Closing Panel: Digital Libraries Settling the Score: 10 Years Hence and 10 Years Before (<i>Turquoise II, III</i>) Handoff to the JCDL 2005 Organizing Committee
12:30	Lunch: On your own
1:15-8:30p	Workshop 1: ISI-2004: 2 nd Symposium on Intelligence and Security Informatics (<i>Consult the ISI Symposium at a Glance on the following pages or the ISI Program for more information.</i>) (<i>Presidio II</i>) (Note: Continues through Friday evening.)
1:30-4:30p	Workshop 2: Global Reach and Impact of Digital Libraries (<i>Presidio V</i>) (Note: Continues through Friday morning.)

CONFERENCE AT A GLANCE

FRIDAY, JUNE 11 TH	
Time	Conference Event and Location
7:45-9:00a	Continental Breakfast (<i>Presidio Foyer</i>)
8:30a-12:00p	Workshop 1: ISI-2004 continues <i>Coffee break 9:45-10:15 am</i>
9:00a-12:00n	Workshop 2: Global Reach and Impact of Digital Libraries concludes (<i>Presidio V</i>) <i>Coffee break 10:15-10:45 am</i>
9:00a-12:00n	Workshop 3: How Can Resuable Design Guidelines Improve the Usefulness of Educational Digital Libraries and Collections? (<i>Joshua Tree I</i>) <i>Coffee break 10:15-10:45 am</i>
12:00n-1:30p	Lunch (<i>Turquoise III</i>)
1:30p-8:00p	Workshop 1: ISI-2004 continues <i>Coffee break 3:15-3:45 pm</i>
1:30p-4:30p	Workshop 4: Designing for Diverse Audiences (<i>Joshua Tree I</i>) <i>Coffee break 3:15-3:45 pm</i>

ISI SYMPOSIUM AT A GLANCE

THURSDAY, JUNE 10 TH	
Time	Conference Event and Location
1:15 – 2:45p	Plenary Panel Session (<i>Presidio II</i>)
2:45 – 3:10p	Break (<i>Presidio Foyer and Veranda</i>)
3:10 – 4:25p	Parallel Paper Sessions A: Data Management & Mining (<i>Presidio I</i>) B: Deception Detection (<i>Presidio IV</i>)
4:25 – 4:40p	Break (<i>Presidio Foyer and Veranda</i>)
4:40 – 6:00p	Parallel Paper Sessions A: Data Management & Mining (<i>Presidio I</i>) B: Deception Detection & Surveillance (<i>Presidio IV</i>)
6:30 – 8:30p	Poster Session and Reception (<i>Presidio II / III</i>)
FRIDAY, JUNE 11 TH	
7:45 – 8:30a	Continental Breakfast (<i>Presidio Foyer</i>)
8:30 – 9:45a	Parallel Panel Discussion Sessions A: Terrorism Research (<i>Presidio I</i>) B: Knowledge Discovery & Dissemination(<i>Presidio IV</i>)
9:45 – 10:15a	Break (<i>Presidio Foyer and Veranda</i>)
10:15 – 12:00n	Parallel Paper Sessions A: Disease Informatics & Terrorism (<i>Presidio I</i>) B: Data Access Control & Trust Management (<i>Presidio IV</i>)
12:00 – 1:30p	Lunch (<i>Turquoise III</i>)
1:30 – 3:15p	Parallel Paper Sessions A: Social Network Analysis & Terrorism Research (<i>Presidio I</i>) B: Information Assurance & Infrastructure Protection (<i>Presidio IV</i>)
3:15 – 3:45p	Break (<i>Presidio Foyer and Veranda</i>)
3:45 – 5:05p	Parallel Paper Sessions A: Crime Analysis, Monitoring & Surveillance (<i>Presidio I</i>) B: Policy Studies & Evaluation (<i>Presidio IV</i>)
6:00 – 8:00p	Banquet at Last Territory Steakhouse

TUTORIALS

Note: Please check with onsite conference staff for up to date information concerning possible tutorial/workshop cancellations.

Tutorial 1: Introduction to Digital Libraries

By Edward Fox

Monday, June 7, 9:00a-12:00n

Abstract: This tutorial broadly explains, covers, and illustrates key aspects of the DL field. It uses the 5S framework (societies, scenarios, spaces, structures, streams—see paper in April 2004 ACM TOIS) to provide an intuitive but formally sound basis for understanding. It provides an overview to the field as used in the Fall 2003 Digital Libraries course taught by the instructor.

Proposer's Information

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Tutorials 2A and 2B: Thesauri and Ontologies in Digital Libraries

By Dagobert Soergel

Monday, June 7, 9:00a-12n (2A); 1:30-4:30p (2B)

Participants may sign up for Tutorial 2 for the full day, or may choose to sign up for either the morning session (Tutorial 2A) or the afternoon session (Tutorial 2B).

2A: Thesauri and Ontologies in Digital Libraries, Part I: Structure and Use in Knowledge-Based Assistance to Users

Abstract: This introductory tutorial is intended for anyone concerned with subject access to digital libraries. It provides a bridge by presenting methods of subject access as treated in an information studies program for those coming to digital libraries from other fields. It will elucidate through examples the conceptual and vocabulary problems users face when searching digital libraries. It will then show how a well-structured thesaurus/ontology can be used as the knowledge base for an interface that can assist users with search topic clarification (for example, through browsing well-structured hierarchies and guided facet analysis) and with finding good search terms (through query term mapping and query term expansion - synonyms and hierarchic inclusion). It will touch on cross-database and cross-language searching as natural extensions of these functions. The workshop will cover the thesaurus structure needed to support these functions: Concept-term relationships for vocabulary control and synonym expansion, conceptual structure (semantic analysis, facets, and hierarchy) for topic clarification and hierarchic query term expansion). It will introduce a few sample thesauri and some thesaurus-supported digital libraries and Web sites to illustrate these principles.

2B: Thesauri and Ontologies in Digital Libraries, Part II: Design, Evaluation, and Development

Abstract: This tutorial is intended for people who have a basic familiarity with the function and structure

of thesauri and ontologies. It will introduce criteria for the design and evaluation of thesauri and ontologies and then deal with methods and tools for their development: locating sources; collecting concepts, terms, and relationships to reuse existing knowledge; developing and refining thesaurus/ontology structure; software and database structure for the development and maintenance of thesauri and ontologies; standards such as RDF and TopicMaps; collaborative development of thesauri and ontologies; developing crosswalks/mappings between thesauri/ontologies. In summing up, the tutorial will address the question of the amount of resources needed to develop and maintain a thesaurus or ontology.

Proposer's Information:

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Tutorial 3: Data Grids and Workflows

By Arun Jagatheesan, Reagan Moore

Monday, June 7, 1:30 p.m. – 4:30 p.m. (half day)

Abstract: The "Grid" is an emerging infrastructure for coordinating access across autonomous organizations to distributed, heterogeneous computation and data resources. Data grids are being built around the world as the next generation data handling systems for sharing, publishing, and preserving data residing on storage systems located in multiple administrative domains. A data grid provides logical namespaces for users, digital entities and storage resources to create persistent identifiers for controlling access, enabling discovery, and managing wide area latencies. Data Grid Technologies could be used to build and manage global digital libraries and archives across multiple administrative domains. The data flow pipelines associated with maintaining digital libraries and archives could be mapped as Data Grid Workflow services.

Proposers' Information:

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Tutorial 4: Introduction to Fedora and Its Applications

By Ronda Grizzle, Ross Wayland, Chris Wilper

Monday, June 7, 1:30 p.m. – 4:30 p.m. (half day)

Abstract: This tutorial is designed to introduce the concepts behind the Fedora digital repository system architecture and to show the architecture's capabilities via a live demo of the software. The concept of Fedora

content models will be introduced with specific examples shown of how to apply Fedora content models to different types of data. Working content models will be demonstrated.

Proposers' Information:

Ronda Grizzle: rgrizzle@virginia.edu, 434-924-3965
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Chris Wilper: cwilper@cs.cornell.edu, 607-254-8623

Tutorial 5: Building Digital Library Collections with the Greenstone Librarian Interface

By Ian H. Witten

Monday, June 7, 9:00 a.m. – 4:30 p.m. (full day)

Abstract: This tutorial is a practical, hands-on, laboratory-style workshop in which attendees build their own digital library collections using the Greenstone digital library software, a comprehensive, open-source system for constructing, presenting, and maintaining information collections. It is a highly compressed version of a 3-day UNESCO-sponsored workshop to promote the development and sharing of digital library collections using Greenstone. The intensive 1-day format is feasible because the UNESCO workshop is aimed at librarians in developing countries who have limited experience of advanced technology, who will promote digital library collection development by conducting similar programs in their countries. Attendees of this tutorial will be given access to a full set of teaching material for the 3-day version of the course that they are encouraged to adapt for local courses back home.

Proposer's Information:

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Tutorial 6: Evaluating Digital Libraries

By Thomas C. Reeves, Susan Buhr, Lecia Barker

Monday, June 7, 9:00 a.m. – 4:30 p.m. (full day)

Abstract: To conduct a comprehensive evaluation of a digital library requires a "triangulation" approach whereby multiple models, procedures, and tools are applied. Conducting valid evaluations of digital libraries in a timely and efficient manner is the focus of this tutorial. Why is evaluation of digital libraries so important? Each year sees the introduction of more and more digital libraries promoted as valuable resources for education and other needs. Yet systematic evaluation of the implementation and efficacy of these digital library systems is often lacking.

This tutorial is specifically designed to establish evaluation as a key strategy throughout the design, development, and implementation of digital libraries at all levels of education. A decision-oriented model to the evaluation of digital libraries will be the focus of the tutorial. Within this model, methods used include: service evaluation, usability evaluation, information

retrieval, biometrics evaluation, transaction log analysis survey methods, interviews and focus groups, observations, and experimental methods. Participants will be provided with a range of resources including an online evaluation toolkit.

Proposers' Information:

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<http://www.colorado.edu/ATLAS/evaluation/about/lecia.html>

CANCELLED

Tutorial 7: Qualitative User Studies : Understanding Users in Action

By Sara Bly

Monday, June 7, 9:00 a.m. – 4:30 p.m. (full day)

Abstract: This one-day tutorial will provide an introduction and overview of qualitative user studies. The emphasis will be on techniques for understanding the interactions and context of user activity, particularly as they relate to the design of systems and technologies. The intent is to give participants some familiarity and practice with methods and an overall qualitative study process. The session will include presentations of information, case studies as examples, and exercises for participant interaction. Case studies come from past work of the instructor and literature. The exercises will be based on the ACM Digital Library as an existing library in use.

Proposer's Information:

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SESSIONS

* Long papers (marked with *) have 30-minute presentations, short papers 20 minutes.

Tuesday, June 8, 2004

7:30 a.m. – 8:45 a.m. Continental Breakfast
(Turquoise Foyer)

8:45 a.m. – 10:00 a.m. (Turquoise II, III)

Session 1A: Conference opens.

Keynote: Vint Cerf, Senior Vice President of Technology Strategy, MCI.

10:30 a.m. – 12:30 p.m.

Session 2A: Repository Architectures

(Turquoise I)

Session Chair: Michael L. Nelson, Old Dominion University

*Architecting an Extensible Digital Repository **
Anoop Kumar, Ranjani Saigal, Robert Chavez, Nikolai Schwertner

*The Multi-faceted Use of the OAI-PMH in the LANL Repository ** Henry N. Jerez, Xiaoming Liu, Patrick Hochstenbach, Herbert Van de Sompel

BND: The Architecture of a National Digital Library
José Borbinha, Nuno Freire, João Neves

BDBComp: Building a Digital Library for the Brazilian Computer Science Community
Alberto H. F. Laender, Marcos André Gonçalves, Pablo A. Roberto

Integration of Biomedical Text and Sequence OAI Repositories
Yueyu Fu, Javed Mostafa

Session 2B: Evaluation (Presidio I, II)

Session Chair: Nicholas J. Belkin, Rutgers University

*Analytical Usability Evaluation for Digital Libraries: A Case Study **
A. Blandford, S. Keith, I. Connell, H. Edwards

*Developing a Digital Learning Environment: An Evaluation of Design and Implementation Processes **
Leslie Champeny, Christine L. Borgman, Patricia D. Mautone, Richard E. Mayer, Richard A. Johnson, Gregory H. Leazer, Anne J. Gilliland-Swetland, Kelli A. Millwood, Leonard D'Avolio, Jason Finley, Laura J. Smart

How People Describe Their Image Information Needs: A Grounded Theory Analysis of Visual Arts Queries
Sally Jo Cunningham, David Bainbridge, Masood Masoodian

Improving Video Browsing with an Eye-Tracking Evaluation of Feature-Based Color Bars
Neema Moraveji

Measuring the User's Experience with Digital Libraries

Elaine Toms, Christine Dufour, Susan Hesemeier

Session 2C: Geographic Aspects of Digital Libraries (Coronado Ballroom)

Session Chair: Ray Larson, University of California, Berkeley

*Automatic Organization for Digital Photographs with Geographic Coordinates **

Mor Naaman, Yee Jiun Song, Andreas Paepcke, Hector Garcia-Molina

*Digital Trail Libraries **

Scott Morris, Alan Morris, Kobus Barnard

A Query Interface for an Event Gazetteer
Robert B. Allen

Accessing the Alexandria Digital Library from Geographic Information Systems

Dan Ancona, Jim Frew, Greg Janée, Dave Valentine

ETANA-DL: A Digital Library for Integrated Handling of Heterogeneous Archaeological Data
Unni Ravindranathan, Rao Shen, Marcos Andre Goncalves, Weiguo Fan, Edward A. Fox, James W. Flanagan

12:30 p.m. – 2:00 p.m. Lunch (Presidio III, IV, V)

2:00 – 3:00 p.m.

Session 3A: Books and Reading (Turquoise I)

Session Chair: Cathy Marshall, Microsoft Corporation

*Realistic Books: A Bizarre Homage to an Obsolete medium?**

Yi-Chun Chu, David Bainbridge, Matt Jones, Ian H. Witten

*A Document Corpus Browser for In-Depth Reading**

Eric Bier, Lance Good, Kris Popat, Alan Newberger

Panel 3B: The Virtual and the Real: Current Research on Museum Audiences and Library Users (Presidio I, II)

Panel Moderator: Joyce Ray, Institute of Museum and Library Services

Panelists: Howard Besser, Tisch School of Arts; Liz Bishoff, OCLC, Inc.; Kati Geber, Canadian Heritage Information Network, José-Marie Griffiths, University of Pittsburgh

Session 3C: Automatically Structured and Translated Queries (Coronado Ballroom)

Session Chair: Schubert Foo, Nanyang Technological University

*The Effectiveness of Automatically Structured Queries in Digital Libraries **

Marcos Andre Goncalves, Edward A. Fox, Aaron Krowne, Pavel Calado, Alberto H.F. Laender, Altigran S. da Silva, Berthier Ribeiro-Neto

*Translating Unknown Cross-Lingual Queries Using a Web-based Approach **

Jenq-Haur Wang, Jei-Wen Teng, Pu-Jen Cheng, Wen-Hsiang Lu, Lee-Feng Chien

3:30 p.m. – 4:30 p.m.

Session 4A: Surrogates for Physical Artifacts (*Turquoise I*)

Session Chair: Frank Shipman, Texas A&M University

*Physically-Based Restoration Using Volumetric Scanning **

W. Brent Seales Yun Lin

*The 3D Vase Museum: A New Approach to Context in a Digital Library **

Dr. Horn-yeu Shiaw, Dr. Robert J.K. Jacob, Dr. Gregory R. Crane

Session 4B: Crawling the Web (*Presidio I, II*)

Session Chair: Herbert Van de Sompel, Los Alamos National Laboratory

*Building Domain-Specific Web Collections for Scientific Digital Libraries: A Meta-Search Enhanced Focused Crawling Method **

Jialun Qin, Yilu Zhou, Michael Chau

*Panorama: Extending Digital Libraries with Topical Crawlers **

Gautam Pant, Kostas Tsioutsoulis, Judy Johnson, C. Lee Giles

Session 4C: Automated Techniques for Managing Collections (*Coronado Ballroom*)

Session Chair: José Borbinha, National Library of Portugal

*Machine Learning for Information Architecture in a Large Governmental Website **

Miles Efron, Jonathan Elsas, Gary Marchionini, Junliang Zhang

*Managing Distributed Collections: Evaluating Web Page Changes, Movement, and Replacement **

Zubin Dalal, Suvendu Dash, Pratik Dave, Luis Francisco-Revilla, Richard Furuta, Unmil Karadkar, Frank Shipman

4:30 p.m. – 5:30 p.m. JCDL/TCDL Plenary Meeting (*Joshua Tree I, II*)

4:30 p.m. – 5:30 p.m. Set up for Poster Session and Demonstrations (*Presidio III, IV, V*)

5:30 p.m. – 6:30 p.m.

Session 5A: "Minute Madness"

Promotion of all Demonstrations and Posters to be shown next session (*Turquoise II, III*)

Session Chair: Christopher Yang, Chinese University of Hong Kong

6:30 p.m. – 9:00 p.m.

Session 5B: Poster and Demonstration Session and Opening Reception (*Presidio III, IV, V*)

The reception will include a cash bar, a selection of hot hors d'oeuvres, a raffle, and the opportunity to vote for Best Poster. Awards for Best Student Paper, Best International Paper, Best Poster, and the Vannevar Bush Award will be announced.

Wednesday, June 9, 2004

7:30 a.m. – 8:45 a.m. Continental Breakfast (*Turquoise Foyer*)

8:45 a.m. – 10:00 a.m.

Session 6A: Keynote: Joel Birnbaum, Senior Technical Adviser, Hewlett-Packard Company (*Turquoise II, III*)

10:30 a.m. – 12:30 p.m.

Session 7A: Educational Aspects of Digital Libraries (*Turquoise I*)

Session Chair: Geneva Henry, Rice University

*Digital Libraries and Educational Practice: A Case for New Models **

Tamara Sumner, Mary Marlino

*How Geography Professors Select Materials for Classroom Lectures: Implications for the Design of Digital Libraries ** Christine L. Borgman, Gregory Leazer, Anne Gilliland-Swetland, Kelli Millwood, Leslie Champeny, Jason Finley, Laura J. Smart

Element Matching in Concept Maps

Byron Marshall, Therani Madhusudan

Usability, Learning, and Subjective Experience: User Evaluation of K-MODDL in an Undergraduate Class

Bing Pan, Geri Gay, John Saylor, Helene Hembrooke, David Henderson

Use of MatML with Software Applications for E-learning

Laura M. Bartolo, Cathy S. Lowe, Adam C. Powell IV, Donald R. Sadoway, Jorge Vieyra, Kyle Stemen

Session 7B: Image and Video Digital Libraries (*Presidio I, II*)

Session Chair: Gary Marchionini, University of North Carolina

*Semantic Video Classification and Feature Subset Selection under Context and Concept Uncertainty** Jianping Fan, Hangzai Luo, Lide Wu

*Generating Fuzzy Semantic Metadata Describing Spatial Relations from Images Using the R-Histogram**

Yuhang Wang, Fillia Makedon, James Ford, Li Shen, Dina Goldin

Multi-modal Classification in Digital News Libraries
Ming-yu Chen, Alexander Hauptmann

Question Answering On Lecture Videos: A Multifaceted Approach
Jinwei Cao

Video Grammar for Locating Named People
Jun Yang, Alexander Hauptmann

Session 7C: Collaboration and Group Work
(Coronado Ballroom)

Session Chair: Ann Blandford, University College London

*Sharing Encountered Information: Digital Libraries Get a Social Life **
Catherine C. Marshall, Sara Bly

*Enhancing Digital Libraries with TechLens+ **
Roberto Torres, Sean M. McNee, Mara Abel, Joseph A. Konstan, John Riedl

Light-Weight Communal Digital Libraries
K. Maly, M. Nelson, M. Zubair, A. Amrou, S. Kothamasa, L. Wang, Rick Luce

Collaborative Extensions for the UpLib System
William C. Janssen

MetaExtract: An NLP System to Automatically Assign Metadata
Ozgur Yilmazel, Christina M. Finneran, Elizabeth D. Liddy

12:30 a.m. – 2 p.m. Lunch (*Presidio III, IV, V*)

2 p.m. – 3:30 p.m.

Session 8A: Indexing Music and Chinese Text
(*Turquoise I*)

Session Chair: Bob Allen, University of Maryland

*Looking for New, Not Known Music Only: Music Retrieval by Melody Style **
Fang-Fei Kuo, Man-Kwan Shan

Discovery of Retrograde and Inverted Themes for Indexing Musical Scores
Xiaona Ren, Lloyd A. Smith, Richard A. Medina

A Tree-Based Method For Fast Melodic Retrieval
Charles Parker

Error Analysis of Chinese Text Segmentation using Statistical Approach
Christopher C. Yang and K. W. Li

Panel 8B: Demonstrating Education Impact: Challenges in the Years Ahead (*Presidio I, II*)

Panel Moderator: Tamara Sumner, University of Colorado
Panelists:

William Arms, Cornell University;
Gary Marchionini, Mary Marlino, Josie Taylor

Session 8C: Digital Preservation (*Coronado Ballroom*)

Session Chair: Martha Anderson, Library of Congress

*Mediating Team Work for Digital Heritage Archiving **

Jyi-Shane Liu, Mu-Hsi Tseng, Tse-Kai Huang

*A Semi-Automated Digital Preservation System Based on Semantic Web Services **

Jane Hunter, Sharmin Choudhury

*Preservation Functionality in a Digital Archive **

Raymond J. van Diessen, Erik Oltmans, Hilde van Wijngaarden

4 p.m. – 5:30 p.m.

Session 9A: Mining and Disambiguating Names (*Turquoise I*)

Session Chair: Ian Witten, University of Waikato

*Mining Events and New Name Translation from Online Daily News **

Wai Lam, Pik-Shan Cheung, Ruizhang Huang

*Two Supervised Learning Approaches for Name Disambiguation in Author Citations **

Hui Han, C. Lee Giles, Hongyuan Zha

*Finding Authoritative People from the Web**

Masanori Harada, Shin-ya Sato, Kazuhiro Kazama

Panel 9B: Library Leaders on Digital Libraries and the Future of the Research Library: A Panel Discussion (*Presidio I, II*)

Panel Moderator: Clifford Lynch, Coalition for Networked Information

Panelists: Sarah Pritchard, Charles Henry, Betsy Humphreys, Brian Schottlaender

Session 9C: Interacting with Collections
(*Coronado Ballroom*)

Session Chair: Dave Fulker, University Corporation for Atmospheric Research

*Enhancing Usability in CITIDEL: Multimodal, Multilingual, and Interactive Visualization Interfaces**

Saverio Perugini, Kathleen McDevitt, Ryan Richardson, Manuel Perez-Quñones, Rao Shen, Naren Ramakrishnan, Chris Williams, Edward A. Fox

*Lost in Memories: Interacting With Photo Collections on PDAs **

Susumu Harada, Mor Naaman, Yee Jiun Song, QianYing Wang, Andreas Paepcke

*Collection Understanding **

Michelle Chang, John J. Leggett, Richard Furuta, Android Kerne J., Patrick Williams, Samuel A. Burns, Randolph G. Bias

6:00 p.m. – 10:00 p.m. Old Tucson Studios Tour and Barbecue

Dinner and entertainment at Old Tucson Studios

Purchase tickets separately through Registration. Enjoy an evening reminiscent of the "Old West." Tour a working studio (where they still make movies!) located in the beautiful Tucson Mountains. Your ticket includes two free drinks and round trip transportation from the conference hotel, as well as dinner and the evening's entertainment!

Thursday, June 10, 2004

7:30 a.m. – 8:45 a.m. Continental Breakfast
(Turquoise Foyer)

9 a.m. – 10 a.m.

Session 10A: Search and Query Strategies (Turquoise I)

Session Chair: Edie Rasmussen, University of British Columbia

Combined Searching of Web and OAI Digital Library Resources
Aaron Krowne, Martin Halbert

Ontology Acquisition and Semantic Retrieval from Semantic Annotated Chinese Poetry
Von-Wun Soo, Shih-Yao Yang, Shu-Lei Chen, Yi-Ting Fu

Web Question Answering Through Automatically Learned Patterns
Dmitri Roussinov, Jose Robles

Session 10B: Supporting Personalization (Presidio I, II)

Session Chair: John Leggett, Texas A&M University

*Exploring the Relationship between Personal and Public Annotations **
Catherine C. Marshall and A.J. Bernheim Brush

*Supporting Personal Collections across Digital Libraries in Spatial Hypertext **
Frank M. Shipman III, Haowei Hsieh, J. Michael Moore, Anna Zacchi

Session 10C: Interchange and Interoperability (Presidio III, IV)

Session Chair: William Arms, Cornell University

Tools for a New Generation of Scholarly Edition Unified by a TEI-based Interchange Format
Rajiv Kochumman, Carlos Monroy, Jie Deng, Richard Furuta, Eduardo Urbina

Toward Information Retrieval Web Services for Digital Libraries
Yueyu Fu, Javed Mostafa

Enabling Interoperability For Autonomous Digital Libraries : An API To CiteSeer Services
Yves Petinot

10:30 a.m. – 12:30 p.m.

Panel 11A and Hand-Off to JCDL 2005:
"Digital Libraries Settling the Score: 10 Years Hence and 10 Before" (Turquoise II, III)
Panel Moderator: Ed Fox, Virginia Tech
Panelists: Gregory R. Crane, Stephen M. Griffin, Ronald L. Larsen, David M. Levy, David J. McArthur, Sugimoto Shigeo

12:30 p.m. Lunch – on your own

WORKSHOPS

Note: Please check with onsite conference staff for up to date information concerning possible tutorial/workshop cancellations.

Workshop 1

The Second Symposium on Intelligence and Security Informatics

Thursday Afternoon through Friday Evening

Organizers:

Hsinchun Chen (University of Arizona)
Reagan Moore (San Diego Super Computer Center, UCSD)
Daniel Zeng (University of Arizona)
John John Leavitt (Tucson Police Department)

Workshop Web Page:

<http://www.ecom.arizona.edu/ISI/>

Workshop 2

Global Reach and Impact of Digital Libraries Workshop

Thursday Afternoon through Friday Morning

Organizers:

Edward A. Fox (Virginia Tech)
Ching-chih Chen (Simmons University)

Workshop Web Page:

<http://fox.cs.vt.edu/global>

Workshop 3

How Can Reusable Design Guidelines Improve the Usefulness of Educational Digital Libraries and Collections?

Friday Morning

Organizers:

Robby Robson (NSDL Reusable Learning Project)
Brandon Muramatsu (NSDL Reusable Learning Project)

Workshop Web Page:

<http://www.reusablelearning.org/nsdl/>

CANCELLED Workshop 4

Designing for Diverse Audiences

Friday Afternoon

Organizers:

Katherine Hanson (Education Development Center, Inc.)
Sarita Nair (Education Development Center, Inc.)
Sharon Reidy (Education Development Center, Inc.)
Bethany Carlson (Education Development Center, Inc.)

Workshop Web Page:

<http://www2.edc.org/GDI/JCDL2004.htm>

SPECIAL EVENTS AND INFORMATION

OPENING RECEPTION & AWARDS PRESENTATION

Poster and Demonstration Session
Tuesday, June 8
6:30 – 9:00p
Presidio III, IV, V

JCDL 2004 BANQUET

Wednesday, June 9
Buses begin loading about 5:45p and depart
approximately 6:00p from front of hotel
Old Tucson Studios (Located west of Tucson)

ISI 2004 RECEPTION

Poster Session
Thursday, June 9
6:30 – 8:30p
Presidio II, III

ISI 2004 BANQUET

Friday, June 10
6:00 – 8:00p
Last Territory Steakhouse

MEALS AND BREAKS

Breakfast

Monday, June 7: 7:45 – 9:00a (*Presidio Foyer*)
Tuesday-Thursday, June 8, 9, 10: 7:30 – 8:45a
(*Turquoise Foyer*)
Friday, June 11: 7:45 – 9:00a (*Presidio Foyer*)

Morning Breaks

Coffee, tea and other beverages will be served
Monday, June 7: 10:15 – 10:45a (*Presidio Foyer*)
Tuesday, June 8: 10:00 – 10:30a (*Turquoise Foyer*)
Wednesday, June 9: 10:00 – 10:30a (*Turquoise Foyer*)
Thursday June 10: 10:00 – 10:30a (*Turquoise Foyer*)
Friday, June 11, Workshop 1: 9:45-10:15a;
Workshops 2-3: 10:15 – 10:45a (*Presidio Foyer*)

Lunch

Note: No Thursday lunch
Monday, June 7: 12:00n – 1:30p (*Presidio V*)
Tuesday, June 8: 12:30 – 2:00p (*Presidio III, IV, V*)
Wednesday, June 9: 12:30pm – 2:00p (*Presidio III, IV, V*)
Friday, June 11: 12:00n – 1:30p (*Turquoise III*)

Afternoon Breaks:

Coffee, tea and other beverages will be served
Monday, June 7: 2:45 – 3:15p (*Presidio Foyer*)
Tuesday, June 8: 3:00 – 3:30p (*Turquoise Foyer*)
Wednesday, June 9: 3:30 – 4:00p (*Turquoise Foyer*)
Thursday June 10: Workshop 1: 4:25-4:40p;
Workshop 2: 2:45 – 3:15p (*Presidio Foyer*)
Friday, June 11: 3:15 – 3:45p (*Presidio Foyer*)

REGISTRATION

Sunday, June 6
4:00p – 7:00p – *Agave Room*

Monday, June 7
7:00a – 7:00p – *Turquoise Registration Desk*

Tuesday, June 8
7:00a – 6:00p – *Turquoise Registration Desk*

Wednesday, June 9
7:00a – 6:00p – *Turquoise Registration Desk*

Thursday, June 10
7:00a – 12:00n – *Turquoise Registration Desk*
12:00n – 6:00p – *Presidio Registration Desk*

Friday, June 11
7:00a – 2:00p – *Presidio Registration Desk*

EMAIL ROOM

Sunday, June 6
4:00p – 7:00p – *Agave Room*

Monday, June 7
7:00a – 7:00p – *Agave Room*

Tuesday, June 8
7:00a – 7:00p – *Agave Room*

Wednesday, June 9
7:00a – 7:00p – *Agave Room*

Thursday, June 10
7:00a – 7:00p – *Agave Room*

Friday, June 11
7:00a – 6:00p – *Agave Room*

INFORMATION AND ASSISTANCE

Monday, June 7 – Thursday, June 10
7:00a – 7:00p – *Presidio Desk*

Friday, June 11
7:00a – 6:00p – *Presidio Desk*

BUSINESS OFFICE

The hotel offers business services from its Business Center, located near the *Turquoise Ballroom*.

PRESS ROOM FOR ISI-2004

Thursday-Friday – *Palo Verde I*

STAFF AND STUDENT VOLUNTEER ROOMS

Monday-Friday – *Mesquite Room (Office)*
Monday-Friday – An executive suite will also be available for conference staff and volunteers in need of a break.

COMMITTEE AND OTHER SPECIAL MEETINGS

Date	Meeting Name	Contact	Time	Location
Monday, June 7	NSDL Educational Impact and Evaluation Comm.	Casey Jones and Donna Cummings	5:00-7:00p	Palo Verde II
Tuesday, June 8	TCDL Executive Committee	Ed Fox	7:00-8:30a	Palo Verde II
	NKOS: Networked Knowledge Organization System/Services	Linda Hill	12:30-2:00p	Palo Verde I
	NSDL Technical Committee	Ed Fox	12:30-2:00p	Palo Verde II
	Editors in Chief of the Journal of Digital Libraries	Ingo Frommholz	12:30-2:00p	Joshua I
	SCALE: Services for a Customizable Authoring Linking Environment Project. Focus group.	Teal Anderson	2:00-3:00p	Palo Verde II
	JCDL/TCDL Plenary	Richard Furuta	4:30-5:30p	Joshua I, II
Wednesday, June 9	Editorial Board of the Journal of Digital Libraries	Ingo Frommholz	7:45-9:15a	Palo Verde II
	JCDL Steering Committee	Richard Furuta	12:30-2:00p	Palo Verde I
Thursday, June 10	JCDL 2004 and 2005 Meeting	Holly Devaul	7:15-8:30a	Palo Verde II
	Special Symposium on the International Music Information Retrieval Systems Evaluation Laboratory	J. Stephen Downie	1:00-5:00p	Palo Verde II

Check with conference staff at the Information Desk for updates and changes to meetings.